

condenser passes into the main condenser by the balance pipe, and is extracted along with the main injection water by the centrifugal extraction pump shown. To give stability of operation to the arrangement when the air leakage into the condenser is greater than the normal amount dealt with, an auxiliary air valve is usually fitted on the auxiliary condenser allowing a regulated amount of air to enter from the atmosphere. If an excessive leakage occurred into the main condenser, the amount taken from the atmosphere would be automatically re-

Fig. 27.—Hick-Breguet Ejectair with Jet Condenser  
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the boiler as feed water, then  
nearly the whole of the heat in  
the steam  
used by the steam jets may be  
returned to the boilers.

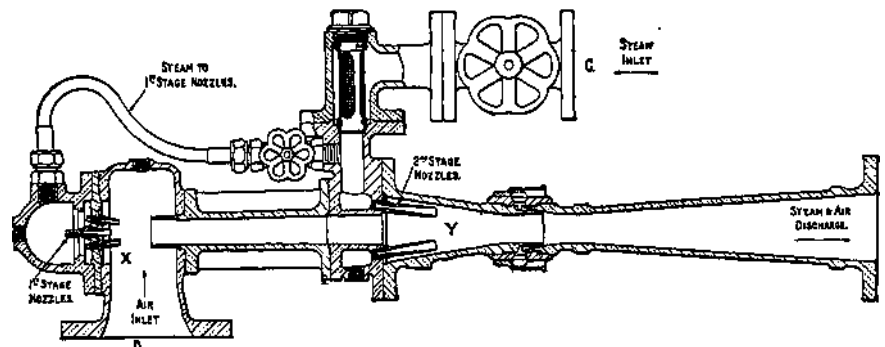


Fig. 28.—Steam Ejector Air-pump

In the Leblanc steam ejector, made by The Mirrlees Watson Co., Ltd.

(fig. 28), there are two sets of steam nozzles, one, the first stage at X, and the second stage set at Y. Steam is admitted at c, and after passing